

10/091,611  
PD: 3/5/2002

L22 ANSWER 1 OF 13 CAPLUS COPYRIGHT 2003 ACS

ACCESSION NUMBER: 2001:754003 CAPLUS

DOCUMENT NUMBER: 135:293993

TITLE: Topical preparations containing oxygen scavengers for  
treatment of acne

INVENTOR(S): Sugita, Hideki; Kameyama, Kumi; Takayama, Akemi

PATENT ASSIGNEE(S): Kosei Co., Ltd., Japan

SOURCE: Jpn. Kokai Tokkyo Koho, 11 pp.

CODEN: JKXXAF

DOCUMENT TYPE: Patent

LANGUAGE: Japanese

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 2001288035	A2	20011016	JP 2000-98285	20000331 <--
PRIORITY APPLN. INFO.:			JP 2000-98285	20000331
AB The topical prepsns. contain singlet O scavengers having scavenging ability .gtoreq.50 s-1. A milky lotion contg. 0.001 g/L of rutin (singlet O-scavenging ability .gtoreq.1000 s-1) prevented acne in women.				

L22 ANSWER 2 OF 13 CAPLUS COPYRIGHT 2003 ACS

ACCESSION NUMBER: 2001:704673 CAPLUS

DOCUMENT NUMBER: 135:262016

TITLE: Skin-beautifying compns. containing Psittacanthus  
extracts and other active agents

INVENTOR(S): Sakata, Osamu; Hoshino, Hiroshi; Tabata, Takashi;  
Yoshitani, Satoshi; Yoshimi, Fumiya

PATENT ASSIGNEE(S): Kosei Co., Ltd., Japan; Mitsui Chemicals Inc.

SOURCE: Jpn. Kokai Tokkyo Koho, 11 pp.

CODEN: JKXXAF

DOCUMENT TYPE: Patent

LANGUAGE: Japanese

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 2001261523	A2	20010926	JP 2000-80655	20000322 <--
PRIORITY APPLN. INFO.:			JP 2000-80655	20000322

AB This invention relates to cosmetics comprising (1) Psittacanthus calyculatus (Injerto) exts. and (2) .gtoreq. 1 skin active agents, such as skin-lightening agents, antioxidants, anti-inflammatories, and UV ray blockers. The cosmetics inhibit melanin prodn. and beautify the skin. A lotion contained glycerin 5, 1,3-butylene glycol 6.5, polyoxyethylene sorbitan monolaurate 1.2, ethanol 8, Psittacanthus calyculatus aq. ext. 0.5, preservatives/perfumes q.s., and distd. water balance to 100 %.

L22 ANSWER 3 OF 13 CAPLUS COPYRIGHT 2003 ACS

ACCESSION NUMBER: 2001:703418 CAPLUS

DOCUMENT NUMBER: 135:247024

TITLE: Cosmetics containing Rhodiola extracts and other skin active agents

INVENTOR(S): Hoshino, Hiroshi; Hata, Tomonori; Sakata, Osamu; Okubo, Toshiaki

PATENT ASSIGNEE(S): Katsuako K. K., Japan; Kosei Co., Ltd.

SOURCE: Jpn. Kokai Tokkyo Koho, 10 pp.

CODEN: JKXXAF

DOCUMENT TYPE: Patent

LANGUAGE: Japanese

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 2001261548	A2	20010926	JP 2000-80638	20000322 <--
PRIORITY APPLN. INFO.:			JP 2000-80638	20000322

AB This invention relates to skin prepsns. comprising Rhodiola exts. and other active agents, such as skin-lightening agents, antioxidants, anti-inflammatories, and sunscreens. The compns. inhibit melanin prodn. and show an excellent storage stability. A cream was formulated contg. aq. exts. of Rhodiola and placental hormones along with other conventional ingredients.

L22 ANSWER 4 OF 13 CAPLUS COPYRIGHT 2003 ACS

ACCESSION NUMBER: 2001:661198 CAPLUS

DOCUMENT NUMBER: 135:226199

TITLE: Fruit and vegetable preservative

INVENTOR(S): Selleck, Rhonda

PATENT ASSIGNEE(S): Citrus Sensation Pty Ltd, Australia

SOURCE: PCT Int. Appl., 20 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2001064041	A1	20010907	WO 2000-AU1041	20000904 <--
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG EP 1272042     A1   20030108     EP 2000-960223   20000904 <-- R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL US 2002054950   A1   20020509     US 2001-944198   20010904 <-- PRIORITY APPLN. INFO.:     AU 2000-5983     A   20000303 WO 2000-AU1041   W   20000904				

AB A preservative soln. for peeled fruits and vegetables, nuts, shoots, fruit and vegetable juices and cut flowers including a fruit juice component including vitamin C or ascorbate which is palatable and which inhibits oxidn. of the fruit or vegetable to be preserved, a preservative component, such as sugar, and an antioxidant component which includes at least one antioxidant contg. flavonoids, such as one selected from a natural oil coating material, such as grapeseed oil, and/or an ext. from the bark of Pinus radiata or Pinus pinaster, such as Enzogenol or other proanthocyanidin powder or any one of the flavonoid contg. antioxidants described herein.

REFERENCE COUNT:     8     THERE ARE 8 CITED REFERENCES AVAILABLE FOR THIS

RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L22 ANSWER 5 OF 13 CAPLUS COPYRIGHT 2003 ACS

ACCESSION NUMBER:     2001:481826 CAPLUS

DOCUMENT NUMBER:     135:81859

TITLE:     Skin-lightening cosmetics comprising plant extracts and other actives

INVENTOR(S):     Hoshino, Hiroshi; Kameyama, Kumi

PATENT ASSIGNEE(S):     Kosei Co., Ltd., Japan; Suntory, Ltd.

SOURCE:     Jpn. Kokai Tokkyo Koho, 11 pp.

CODEN: JKXXAF

DOCUMENT TYPE:     Patent

LANGUAGE:     Japanese

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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JP 2001181173	A2	20010703	JP 1999-370804	19991227 <--
PRIORITY APPLN. INFO.:			JP 1999-370804	19991227

AB This invention relates to skin-lightening cosmetics comprising (1) beet exts. and (2) .gtoreq. 1 substances selected from the group consisting of natural products, active oxygen removers, antioxidants, anti-inflammatories, and sunscreens. A lotion contained beet exts. 2, licorice exts. 0.5, ginkgo exts. 0.01, glycerin 5, 1,3-butylene glycol 6.5, PEG sorbitan monolaurate 1.2, ethanol 9, preservatives q.s., perfumes q.s., distd. water to 100 %.

L22 ANSWER 6 OF 13 CAPLUS COPYRIGHT 2003 ACS  
 ACCESSION NUMBER: 2000:585381 CAPLUS  
 DOCUMENT NUMBER: 133:182770  
 TITLE: Antiaging cosmetics containing tomato pigments  
 INVENTOR(S): Uehara, Shizuka; Kameyama, Kumi; Kondo, Chiharu;  
 Takada, Norihisa  
 PATENT ASSIGNEE(S): Kosei Co., Ltd., Japan; Nippon Delmonte K. K.  
 SOURCE: Jpn. Kokai Tokkyo Koho, 12 pp.  
 CODEN: JKXXAF  
 DOCUMENT TYPE: Patent  
 LANGUAGE: Japanese  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION: ,

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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JP 2000229827	A2	20000822	JP 1999-28301	19990205 <--
PRIORITY APPLN. INFO.:			JP 1999-28301	19990205

AB The cosmetics are claimed. The tomato pigments may mainly comprise lycopene isolated by centrifugation of tomato prepns., microfiltration of the liq. parts, and collection of unfiltered substances by microfiltration. The cosmetics may addnl. contain active oxygen scavengers, antioxidants, inflammation inhibitors, UV shields, cell activators, and/or moisturizers. A cream contg. the tomato pigment was used by volunteers to lighten skin and increase elasticity.

L22 ANSWER 7 OF 13 CAPLUS COPYRIGHT 2003 ACS  
 ACCESSION NUMBER: 1998:603138 CAPLUS  
 DOCUMENT NUMBER: 129:207220  
 TITLE: Nasal spray for treating viral common colds containing  
 vitamins, minerals and aloe vera  
 INVENTOR(S): Coleman, Thomas  
 PATENT ASSIGNEE(S): USA

SOURCE: Eur. Pat. Appl., 3 pp.

CODEN: EPXXDW

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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EP 861662	A1	19980902	EP 1998-200414	19980210 <--
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R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO

US 5840278	A	19981124	US 1997-803535	19970220 <--
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PRIORITY APPLN. INFO.: US 1997-803535 19970220

AB An aq. nasal spray formulation comprising 25-40% by vol. of a vitamin component comprising vitamin C, rose hips, acerola and/or lemon bioflavonoids; 8-12% by vol. of mineral component comprising zinc, potassium, calcium, and/or magnesium; 8-12% by vol. of aloe vera, and 45-60% by vol. of water-based solvent is useful for the treatment and relief of a cold virus infection. Formulation of a nasal spray is disclosed.

REFERENCE COUNT: 5 THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS

RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L22 ANSWER 8 OF 13 CAPLUS COPYRIGHT 2003 ACS

ACCESSION NUMBER: 1989:141554 CAPLUS

DOCUMENT NUMBER: 110:141554

TITLE: Pharmacologically active compositions of catecholic butanes with zinc for treatment of skin diseases

INVENTOR(S): Jordan, Russell T.; Allen, Larry M.

PATENT ASSIGNEE(S): Chemex Pharmaceuticals, Inc., USA

SOURCE: PCT Int. Appl., 148 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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WO 8801509	A1	19880310	WO 1986-US1740	19860825 <--
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W: AU, DK, FI, GB, JP, NO

RW: AT, BE, CH, DE, FR, GB, IT, LU, NL, SE

AU 8663304	A1	19880324	AU 1986-63304	19860825 <--
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*vit A*  
*vit D*  
*zinc methionine*

PRIORITY APPLN. INFO.: WO 1986-US1740 19860825  
OTHER SOURCE(S): MARPAT 110:141554  
GI

AB Catecholic butanes I (R1, R2 = alkyl, acyl; R3, R4 = H, Me, Et; R5, R6 = H, OH; R7, R8, R9 = H, OH, OR1) as Zn salts or chelates, or I mixts. with Zn salts, are drugs for the treatment of skin diseases, esp. fungal or bacterial diseases and cancer. A mixt. of ZnCl<sub>2</sub> 46, meso-1,4-bis(3,4-dihydroxyphenyl)-2,3-dimethylbutane 11.5, quercetin 11.5, Na ascorbate 7.7, solvent 3.0, and polyethylene glycol 20.4% by wt., applied topically twice, controlled B-16 melanoma and S-180 tumor, in mice.

L22 ANSWER 9 OF 13 CAPLUS COPYRIGHT 2003 ACS

ACCESSION NUMBER: 1988:156489 CAPLUS

DOCUMENT NUMBER: 108:156489

TITLE: Metal halide modification of plant extracts from  
zygophyllaceae

INVENTOR(S): Jordan, Russell T.

PATENT ASSIGNEE(S): Chemex Pharmaceuticals, Inc., USA

SOURCE: PCT Int. Appl., 41 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 4

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 8706833	A1	19871119	WO 1986-US2543	19861119 <--
W: AU, BB, DK, JP, KP, KR, NO, SU				
RW: AT, BE, CH, DE, FR, GB, IT, LU, NL, SE				
US 4774229	A	19880927	US 1986-860654	19860507 <--
AU 8767298	A1	19871201	AU 1987-67298	19861119 <--
ES 2006474	A6	19890501	ES 1987-1366	19870507 <--
CA 1303497	A1	19920616	CA 1987-536636	19870507 <--
PRIORITY APPLN. INFO.: US 1986-860654 A 19860507				
US 1979-49886 A2 19790619				
US 1982-365784 A1 19820405				
WO 1986-US2543 A 19861119				

AB A mixt. of an ext. from a plant belonging to the zygophyllaceae family contains phenolic compns. and a nonalkali metal salt. It is useful as a pharmaceutical agent, e.g. in the treatment of cancer, nonmalignant

tumors, osteomyelitis, psoriasis, and warts. *Larrea divaricata* Was 1st ground to a fine powder of .apprx. 1-150 .mu. particle size, and then subjected to extn. with toluene and Et<sub>2</sub>O. An ointment was made from a dried paste from powd. *Larrea divaricata*, powd. rose hips, and aq. ZnCl<sub>2</sub>. Applications to treatment of osteomyelitis and perianal adenomas were successful.

L22 ANSWER 10 OF 13 CABA COPYRIGHT 2003 CABI

ACCESSION NUMBER: 82:13444 CABA

DOCUMENT NUMBER: 820307432

TITLE: Nutrient balance and fruit quality of Marsh  
grapefruit growing in Southeastern Spain

AUTHOR: Romojaro, F.; Banet, E.; Llorente, S.; Alcaraz, C.  
F.

CORPORATE SOURCE: CSIC Centro de Edafologia y Biologia Aplicada del  
Segura, Murcia, Spain.

SOURCE: Communications in Soil Science and Plant Analysis, (  
1982) Vol. 13, No. 5, pp. 379-386. 21 ref.  
ISSN: 0010-3624

DOCUMENT TYPE: Journal

LANGUAGE: English

AB Changes in grapefruit leaf contents of Ca, N, K, Mg, P, Fe, Zn and Mn throughout a year are shown graphically. The calcareous nature of the soil partly accounted for the high Ca level and the fairly low P, K, Fe and Mn levels. Data are also presented on changes in fruit characteristics measured at intervals between the 153rd and 306th days from fruit set. Individual fruit weight rose rapidly to a maximum on day 244. Peel thickness lessened, meanwhile, and then increased after day 244. Juice TSS ( deg Brix), and glucose and fructose contents rose slowly over the whole period, and acidity and sucrose contents gradually lessened. Naringin content fell between days 153 and 183, the period of most rapid fruit development and water use.

L22 ANSWER 11 OF 13 IFIPAT COPYRIGHT 2003 IFI

AN 3075743 IFIPAT;IFIUDB;IFICDB

TITLE: NASAL SPRAY HAVING A MINERAL VITAMIN

COMPONENT, A

MINERAL COMPONENT AND ALOE VERA; AQUEOUS  
FORMULATION

CONSISTING OF VITAMIN BLEND OF VITAMIN C,  
ROSE HIPS, ACEROLA AND LEMON  
BIOFLAVONOIDS, MINERAL BLEND OF ZINC  
, POTASSIUM, CALCIUM AND MAGNESIUM SALTS, ALOE

VERA

INVENTOR(S): Coleman, Thomas, 9536 Wilshire Blvd. #410, Beverly  
Hills, CA, 90212

PATENT ASSIGNEE(S): Unassigned  
PRIMARY EXAMINER: Bawa, Raj  
AGENT: Kent, Esq., Evan M.  
Russ, August & Kabat

NUMBER PK DATE

PATENT INFORMATION: US 5840278 19981124  
APPLICATION INFORMATION: US 1997-803535 19970220  
EXPIRATION DATE: 20 Feb 2017  
FAMILY INFORMATION: US 5840278 19981124  
DOCUMENT TYPE: UTILITY  
FILE SEGMENT: CHEMICAL

GRANTED

NUMBER OF CLAIMS: 6

AB An aqueous nasal spray formulation contains a vitamin component, a mineral component, a aloe vera in a water based solvent. The vitamin component contains Vitamin C, Rose Hips, Acerola, Lemon Bioflavonoids, Hesperidin, Rustin and Vitamin B6. The mineral component contains potassium, calcium, magnesium, zinc and manganese. In the formulation, the vitamin component accounts for 25-40% by volume of the formulation, the mineral component is from 11-12% by volume and the aloe vera is from 8-12% by volume of the formulation.

CLMN 6

L22 ANSWER 12 OF 13 PROMT COPYRIGHT 2003 Gale Group

ACCESSION NUMBER: 2001:190178 PROMT

TITLE: Five Rose's Rooibos Herbal Infusions Naturally  
Caffeine Free Tea - Fennel; Camomile; Honey; Lemon

MANUFACTURER: National Brands Ltd. CATEGORY: 229 - Tea.

SOURCE: Product Alert, (26 Feb 2001) Vol. 31, No. 4.

ISSN: 0740-3801.

PUBLISHER: Marketing Intelligence Service Ltd.

DOCUMENT TYPE: Newsletter

LANGUAGE: English

WORD COUNT: 197

\*FULL TEXT IS AVAILABLE IN THE ALL FORMAT\*

AB Five Rose's Rooibos Herbal Infusion Naturally Caffeine Free Tea is now offered in Fennel, Camomile, Honey and Lemon varieties in the U.S. by Novato, CA-based John Sommers, Inc. Five Roses is the registered trademark of National Brands Ltd. of Rivonia, South Africa, and is claimed to offer delicious aromatic natural blends with "health-promoting properties" Americans want in everyday drinks. Promotional literature states, "Called rooibos (roy-boss), this tea is the most popular beverage in South Africa and is widely popular throughout



Europe and Asia. Just like black and green tea, rooibos, a bright red tea, is full of polyphenols and flavonoids which help protect the body from free radical damage... Drinking Rooibos tea daily, as the South Africans do, can help build the body's defenses against the onslaught of germs and pollution which attack our immune system continually... Rooibos also contains calcium, fluoride, magnesium, iron, zinc, copper and potassium along with the flavonoids, quercetin and rutin, among others." The tea is packaged in 20-count boxes containing individually, paper-wrapped tea bags and is flagged, "Rich in antioxidants - Double chamber super infusion bags - Individually wrapped for freshness." For sample retrieval information, please call: Marketing Intelligence Service, Ltd., (716) 374-6326.

THIS IS THE FULL TEXT: COPYRIGHT 2001 Marketing Intelligence Service Ltd.

Subscription: \$600.00 per year. Published semimonthly. 6473 D Route 64, Naples, NY 14512-9726.

L22 ANSWER 13 OF 13 PROMT COPYRIGHT 2003 Gale Group

ACCESSION NUMBER: 1999:8539 PROMT  
TITLE: Colds and flu: a natural approach.  
AUTHOR(S): LaValle, James B.; Hawkins, Ernie  
SOURCE: Drug Store News, (14 Dec 1998) pp. CP17(1).  
ISSN: 0191-7587.  
LANGUAGE: English  
WORD COUNT: 6698

\*FULL TEXT IS AVAILABLE IN THE ALL FORMAT\*

AB Introduction

Colds and flu are the most common conditions prompting patient visits to the pharmacy and continue to be a major concern for health care professionals, especially for elderly and immunocompromised patients. Americans spend more than \$1 billion annually on nonprescription remedies for coughs and colds, including antipyretics, antihistamines, cough preparations and decongestants in various combinations. Vaccination against influenza is recommended for susceptible individuals, but the protection it affords is far from complete, especially in the elderly. Influenza is still ranked as one of the top 10 causes of death in those over the age of 6.

The well-informed pharmacist can be confident in recommending nutritional supplements as "next generation" nonprescription choices for the prevention and support of common illnesses. Clinical research, positive outcomes, historical use, generally low toxicity and growing public interest in herbs, vitamins and homeopathics make familiarity with these therapeutic options essential. It is the responsibility of the pharmacist to provide factual, useful and clinically pertinent information to those in need.

# The common cold

Upper respiratory infections are the leading cause of absenteeism from work, accounting for an average of almost seven days lost per person per year. Although a viral etiology accounts for the overwhelming proportion of cases, a secondary bacterial infection may result from lowered host immunity and stress on the system. The common cold, an acute, self-limiting viral illness, is among the most common reasons for patients to visit their physicians, and commonly results in the prescription of antibiotics and/or nonprescription cold preparations. Nasal symptoms, such as rhinorrhea, sneezing, throat-clearing, postnasal drip, cough and nasal obstruction, are common, as are pharyngitis and cough.

THIS IS AN EXCERPT: COPYRIGHT 1998 Lebhar-Friedman Inc.

L25 ANSWER 1 OF 30 CAPLUS COPYRIGHT 2003 ACS

ACCESSION NUMBER: 2003:282415 CAPLUS

TITLE: Ingestible nerve growth and circulatory nutritional  
formulation

INVENTOR(S): Harris, Dennis H.; General, Ronald E.; Martin, Robert

PATENT ASSIGNEE(S): USA

SOURCE: PCT Int. Appl., 15 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 2

PATENT INFORMATION:

PATENT NO.      KIND DATE      APPLICATION NO. DATE

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WO 2003028747    A1   20030410      WO 2002-US31469   20021003 <--

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN,  
CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH,  
GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR,  
LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH,  
PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ,  
UA, UG, UZ, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM  
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, BG,  
CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL,  
PT, SE, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR,  
NE, SN, TD, TG

PRIORITY APPLN. INFO.:                      US 2001-326784P P 20011004

AB   An ingestible nerve and circulatory nutritional formulation is disclosed,  
comprising an antioxidant portion, an anti-inflammatory portion, a  
circulatory enhancement portion, a vasodilator portion, a nerve growth,  
conduction and regeneration portion, a glycemic control portion, a  
sorbitol inhibitor portion, a lipid redn. portion, a mitochondrial  
activation portion and a pancreatic stem cell support element portion.

REFERENCE COUNT:      1      THERE ARE 1 CITED REFERENCES AVAILABLE  
FOR THIS

RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L25 ANSWER 2 OF 30 CAPLUS COPYRIGHT 2003 ACS

ACCESSION NUMBER:      2003:281971 CAPLUS

TITLE:                      Ingestible nerve and circulatory nutritional  
formulation

INVENTOR(S):              Harris, Dennis H.; General, Ronald E.; Martin, Robert

PATENT ASSIGNEE(S):      USA

SOURCE:                      U.S. Pat. Appl. Publ., 5 pp., Cont.-in-part of U.S.  
Provisional Ser. No. 326,784.

CODEN: USXXCO

DOCUMENT TYPE:              Patent

LANGUAGE:                      English

FAMILY ACC. NUM. COUNT: 2

PATENT INFORMATION:

PATENT NO.      KIND DATE      APPLICATION NO. DATE

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US 2003068391    A1   20030410      US 2002-264589   20021003 <--

PRIORITY APPLN. INFO.:                      US 2001-326784P P 20011004

AB   An ingestible nerve and circulatory nutritional formulation is disclosed,  
comprising an antioxidant portion, an anti-inflammatory portion, a  
circulatory enhancement portion, a vasodilator portion, a nerve growth,  
conduction and regeneration portion, a glycemic control portion, a

sorbitol inhibitor portion, a lipid redn. portion, a mitochondrial activation portion and a pancreatic stem cell support element portion.

L25 ANSWER 3 OF 30 CAPLUS COPYRIGHT 2003 ACS

ACCESSION NUMBER: 2002:964936 CAPLUS

DOCUMENT NUMBER: 138:29177

TITLE: Medical composition for managing hormone balance comprising proteins, carbohydrates and lipids

INVENTOR(S): Bland, Jeffrey S.; Liska, Deann J.; Tripp, Matthew; Darland, Gary K.; Lukaczer, Daniel O.; Lerman, Robert

PATENT ASSIGNEE(S): USA

SOURCE: U.S. Pat. Appl. Publ., 29 pp.

CODEN: USXXCO

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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US 2002192310	A1	20021219	US 2002-56858	20020123 <--
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PRIORITY APPLN. INFO.: US 2001-265908P P 20010202

AB A medical compn. to nutritionally support hormone balance by promoting estrogen metab. and increasing its excretion is disclosed. Nutritional support with the medical compn. results in improvement in symptoms assocd. with hormone imbalance. Quality-of-life data and steroid hormone markers also shows improvement over the course of administration of the medical compn.

L25 ANSWER 4 OF 30 CAPLUS COPYRIGHT 2003 ACS

ACCESSION NUMBER: 2002:814673 CAPLUS

DOCUMENT NUMBER: 137:316098

TITLE: Integrated multi-vitamin and mineral combination for asthma treatment

INVENTOR(S): Benjamin, Samuel D.; Weil, Andrew

PATENT ASSIGNEE(S): USA

SOURCE: U.S. Pat. Appl. Publ., 7 pp.

CODEN: USXXCO

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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US 2002155163	A1	20021024	US 1999-472669	19991227 <--
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no 2n.

PRIORITY APPLN. INFO.: US 1999-472669 19991227

AB A daily multi-vitamin and mineral combination for use in the adjunct care of humans with asthma comprising thiamin, riboflavin, niacin, vitamin B6, folate, vitamin B12, biotin, pantothenic acid, choline, inositol, p-aminobenzoic acid, vitamin C, calcium, magnesium, iodine, selenium, manganese, chromium, molybdenum, boron, zinc, potassium, silicon, sulfur, vanadium, citrus bioflavonoid complex, hesperidin complex, rutin, vitamin A, vitamin D, vitamin E, lycopene, lutein, Coenzyme Q10 and N-acetylcysteine. For adjunct care of humans with diabetes, alpha.-lipoic acid is substituted for N-acetylcysteine and the amt. of inositol is increased. A method of supplementing the nutritional intake of humans with diabetes and/or asthma through daily oral administration of the appropriate multi-vitamin and mineral combination.

L25 ANSWER 5 OF 30 CAPLUS COPYRIGHT 2003 ACS

ACCESSION NUMBER: 2002:163787 CAPLUS

DOCUMENT NUMBER: 136:215889

TITLE: Dietary supplements containing rosemary and curcumin  
for treating fatigue-related syndromes

INVENTOR(S): Lukaczer, Daniel O.; Darland, Gary K.; Liska, Deann  
J.; Irving, Tracey A.; Bland, Jeffrey S.

PATENT ASSIGNEE(S): USA

SOURCE: U.S., 11 pp.

CODEN: USXXAM

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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US 6352712	B1	20020305	US 1999-303779	19990430 <--
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PRIORITY APPLN. INFO.: US 1999-303779 19990430

AB The present invention provides dietary supplements, medical foods and methods effective to ameliorate at least one of the symptoms, preferably all of the symptoms, of a fatigue-related syndrome, such as fibromyalgia. The dietary supplements of the present invention include rosemary, curcumin and at least one component selected from the group consisting of quercetin and rutin. The medical foods of the present invention include rosemary, at least one macronutrient selected from the group consisting of protein, carbohydrate and fat, and at least one member of the group consisting of quercetin, curcumin and rutin. The methods of the present invention include the step of administering to a person suffering from a fatigue-related syndrome an effective amt. of a dietary supplement or medical food of the present invention.

REFERENCE COUNT: 17 THERE ARE 17 CITED REFERENCES  
AVAILABLE FOR THIS

RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L25 ANSWER 6 OF 30 CAPLUS COPYRIGHT 2003 ACS

ACCESSION NUMBER: 2002:143204 CAPLUS

DOCUMENT NUMBER: 136:189383

TITLE: A water-free transdermal delivery system

INVENTOR(S): Dransfield, Charles William

PATENT ASSIGNEE(S): Australia

SOURCE: U.S. Pat. Appl. Publ., 17 pp.

CODEN: USXXCO

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 2002022052	A1	20020221	US 2001-863764	20010524 <--
PRIORITY APPLN. INFO.:			AU 2000-6691	A 20000406
		AU 2000-8885	A 20000721	

AB A transdermal or transepithelial compn. substantially free of water comprises a biol. active agent in the form of microfined particles, sized less than 2 .mu. down to less than 0.1 .mu., which by massage pressure are mech. entrained within the interstices of the stratum corneum. Particles < 0.5 .mu. do not require a carrier for entrainment. Delivery into mucosal epithelia is obtained by particles < 1 .mu. with delivery increasing with decreasing particle size. For example, in order to demonstrate the present invention, two compns. contg. ibuprofen as the active agent were prepd. Particles in both samples were identical (< 0.5 .mu.m). However, sample A was water-free, while sample B contained 10% water. Transdermal absorption of the ibuprofen prepns. were compared using fresh bovine udder skin mounted on Franz diffusion cells at 37.degree.. Approx. 30 mg of the ibuprofen prepn. was applied to the skin and massaged into the skin using a vibratory massager. The water free sample (A) demonstrated a higher rate of absorption in less time than a similar formulation contg. 10% water (sample B). In sample B the delivery was more than halved and the time rate of the delivery was found to be greatly reduced with delivery curve showing 16% over 12 h and only a further 7.5% delivery over the next 12 h.

L25 ANSWER 7 OF 30 CAPLUS COPYRIGHT 2003 ACS

ACCESSION NUMBER: 2002:128881 CAPLUS

DOCUMENT NUMBER: 136:166454

TITLE: Dietary supplements containing plant-derived chemical

substances and their application to health maintenance  
INVENTOR(S): Siddiqui, Idrees A.; Dykhous, Robin M.; Rehnborg,  
Sam; Gorenbein, David; Davis, Audrey; Stonebrook,  
Kerry

PATENT ASSIGNEE(S): Access Business Group LLC, USA

SOURCE: Jpn. Kokai Tokkyo Koho, 13 pp.

CODEN: JKXXAF

DOCUMENT TYPE: Patent

LANGUAGE: Japanese

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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JP 2002051732	A2	20020219	JP 2001-176767	20010612 <--
US 2002025350	A1	20020228	US 2001-878377	20010612 <--
US 6511675	B2	20030128		

PRIORITY APPLN. INFO.: US 2000-210746P P 20000612

AB The dietary supplements contain sulforaphane, naringin, hesperidin, narirutin, quercetin, lutein, lycopene, and isoflavone. The supplements may addnl. contain vitamins and minerals. The supplements prevent disorders due to deficiency of the above substances and enhance effect of biol. antioxidants of humans. The supplements also prevent coronary artery disorders and bone disorders, reduce toxicity of free radicals, and enhance defense system of human bodies.

L25 ANSWER 8 OF 30 CAPLUS COPYRIGHT 2003 ACS

ACCESSION NUMBER: 2001:687451 CAPLUS

DOCUMENT NUMBER: 135:226220

TITLE: Dietary supplements for each specific blood type

INVENTOR(S): Fleischner, Albert M.

PATENT ASSIGNEE(S): Vitamerica, Inc., USA

SOURCE: U.S., 13 pp.

CODEN: USXXAM

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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US 6291533	B1	20010918	US 1999-468819	19991222 <--
US 6503529	B1	20030107	US 2001-832213	20010411 <--
US 2003044473	A1	20030306	US 2002-211677	20020802 <--

PRIORITY APPLN. INFO.: US 1999-468819 A1 19991222

US 1999-468893 B1 19991222  
US 1999-468894 B1 19991222  
US 2001-832213 A1 20010411

AB Dietary supplement compns. are designed to be responsive to specific blood types, and thus most beneficial for people with specific antigenic blood types.

REFERENCE COUNT: 1 THERE ARE 1 CITED REFERENCES AVAILABLE FOR THIS

RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L25 ANSWER 9 OF 30 CAPLUS COPYRIGHT 2003 ACS

ACCESSION NUMBER: 2001:481826 CAPLUS

DOCUMENT NUMBER: 135:81859

TITLE: Skin-lightening cosmetics comprising plant extracts  
and other actives

INVENTOR(S): Hoshino, Hiroshi; Kameyama, Kumi

PATENT ASSIGNEE(S): Kosei Co., Ltd., Japan; Suntory, Ltd.

SOURCE: Jpn. Kokai Tokkyo Koho, 11 pp.

CODEN: JKXXAF

DOCUMENT TYPE: Patent

LANGUAGE: Japanese

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 2001181173	A2	20010703	JP 1999-370804	19991227 <--
PRIORITY APPLN. INFO.:			JP 1999-370804	19991227

AB This invention relates to skin-lightening cosmetics comprising (1) beet exts. and (2) .gtoreq. 1 substances selected from the group consisting of natural products, active oxygen removers, antioxidants, anti-inflammatories, and sunscreens. A lotion contained beet exts. 2, licorice exts. 0.5, ginkgo exts. 0.01, glycerin 5, 1,3-butylene glycol 6.5, PEG sorbitan monolaurate 1.2, ethanol 9, preservatives q.s., perfumes q.s., distd. water to 100 %.

L25 ANSWER 10 OF 30 CAPLUS COPYRIGHT 2003 ACS

ACCESSION NUMBER: 2001:238065 CAPLUS

DOCUMENT NUMBER: 134:251604

TITLE: Medical food for treating inflammation-related  
diseases containing rosemary and curcumin

INVENTOR(S): Darland, Gary K.; Lukaczer, Daniel O.; Liska, Deann  
J.; Irving, Tracey A.; Bland, Jeffrey S.

PATENT ASSIGNEE(S): HealthComm International, Inc., USA

SOURCE: U.S., 10 pp.

CODEN: USXXAM



DOCUMENT TYPE: Patent  
LANGUAGE: English  
FAMILY ACC. NUM. COUNT: 1  
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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US 6210701	B1	20010403	US 1999-302693	19990430 <--
US 2002051826	A1	20020502	US 2001-773280	20010129 <--

PRIORITY APPLN. INFO.: US 1999-302693 A3 19990430

AB The present invention provides dietary supplements, medical foods and methods effective to ameliorate at least one of the symptoms, preferably all of the symptoms, of an inflammation-related disease. The dietary supplements of the present invention include rosemary, curcumin and at least one component selected from the group consisting of quercetin and rutin. The medical foods of the present invention include rosemary and at least one component selected from the group consisting of curcumin, quercetin and rutin. The medical foods of the present invention also include macronutrients. The methods of the present invention include the step of administering to a person suffering from an inflammation-related disease an effective amt. of a dietary supplement or medical food of the present invention.

REFERENCE COUNT: 66 THERE ARE 66 CITED REFERENCES  
AVAILABLE FOR THIS

RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L25 ANSWER 11 OF 30 CAPLUS COPYRIGHT 2003 ACS

ACCESSION NUMBER: 2000:706936 CAPLUS

DOCUMENT NUMBER: 133:265961

TITLE: Nutraceuticals having N-[N-(3,3-dimethylbutyl)-L-  
.alpha.-aspartyl]-L-phenylalanine 1-methyl ester

INVENTOR(S): Ponakala, Subbarao V.; Walters, Gale C.; Gerlat, Paula  
A.; Hatchwell, Leora C.

PATENT ASSIGNEE(S): The Nutrasweet Company, USA

SOURCE: PCT Int. Appl., 37 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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WO 2000057726	A1	20001005	WO 2000-US8210	20000329 <--
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W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR,  
CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU,

ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU,  
LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE,  
SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW,  
AM, AZ, BY, KG, KZ, MD, RU, TJ, TM  
RW: GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE,  
DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF,  
CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG

PRIORITY APPLN. INFO.: US 1999-126654P P 19990329

AB The present invention provides nutraceuticals comprising  
N-[N-(3,3-dimethylbutyl)-L-.alpha.-aspartyl]-L-phenylalanine 1-Me ester.  
This invention also provides nutraceuticals comprising a blend of  
N-[N-(3,3-dimethylbutyl)-L-.alpha.-aspartyl]-L-phenylalanine 1-Me ester  
with another sweetener. This invention also provides a method for prepg.  
the nutraceuticals of this invention.

REFERENCE COUNT: 8 THERE ARE 8 CITED REFERENCES AVAILABLE  
FOR THIS

RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L25 ANSWER 12 OF 30 CAPLUS COPYRIGHT 2003 ACS

ACCESSION NUMBER: 2000:585381 CAPLUS

DOCUMENT NUMBER: 133:182770

TITLE: Antiaging cosmetics containing tomato pigments

INVENTOR(S): Uehara, Shizuka; Kameyama, Kumi; Kondo, Chiharu;  
Takada, Norihisa

PATENT ASSIGNEE(S): Kosei Co., Ltd., Japan; Nippon Delmonte K. K.

SOURCE: Jpn. Kokai Tokkyo Koho, 12 pp.

CODEN: JKXXAF

DOCUMENT TYPE: Patent

LANGUAGE: Japanese

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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JP 2000229827	A2	20000822	JP 1999-28301	19990205 <--
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PRIORITY APPLN. INFO.: JP 1999-28301 19990205

AB The cosmetics are claimed. The tomato pigments may mainly comprise  
lycopene isolated by centrifugation of tomato prepns., microfiltration of  
the liq. parts, and collection of unfiltered substances by  
microfiltration. The cosmetics may addnl. contain active oxygen  
scavengers, antioxidants, inflammation inhibitors, UV shields, cell  
activators, and/or moisturizers. A cream contg. the tomato pigment was  
used by volunteers to lighten skin and increase elasticity.

L25 ANSWER 13 OF 30 CAPLUS COPYRIGHT 2003 ACS

ACCESSION NUMBER: 2000:316928 CAPLUS

DOCUMENT NUMBER: 132:339056  
TITLE: Skin preparations for UV-induced rough skin and skin  
pigmentation  
INVENTOR(S): Kondo, Chiharu; Takayama, Akemi; Senoo, Masami  
PATENT ASSIGNEE(S): Kosei Co., Ltd., Japan  
SOURCE: Jpn. Kokai Tokkyo Koho, 14 pp.  
CODEN: JKXXAF  
DOCUMENT TYPE: Patent  
LANGUAGE: Japanese  
FAMILY ACC. NUM. COUNT: 1  
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 2000136123	A2	20000516	JP 1998-307680	19981028 <--
PRIORITY APPLN. INFO.:			JP 1998-307680	19981028
AB Skin preps. for UV-induced rough skin and skin pigmentation comprise (A) metal chelators, (B) UV protectants and (C) active oxygen scavengers and/or antioxidants. An ointment contained stearic acid 18, cetanol 4, triethanolamine 2, di-Na EDTA 0.02, homomenthyl salicylate 1, .alpha.-glycosylretin 0.001 and purified water to 100 %.				

L25 ANSWER 14 OF 30 CAPLUS COPYRIGHT 2003 ACS

ACCESSION NUMBER: 1999:736232 CAPLUS  
DOCUMENT NUMBER: 131:332114  
TITLE: Use of flavonoid glycosides, tanning agents and  
microorganisms for the therapy and prophylaxis of  
diabetes mellitus  
INVENTOR(S): Liebel, Franz-Peter  
PATENT ASSIGNEE(S): Germany  
SOURCE: Eur. Pat. Appl., 16 pp.  
CODEN: EPXXDW  
DOCUMENT TYPE: Patent  
LANGUAGE: German  
FAMILY ACC. NUM. COUNT: 1  
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
EP 956867	A1	19991117	EP 1998-108560	19980512 <--
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO				
PRIORITY APPLN. INFO.:			EP 1998-108560	19980512
AB Insulin-resistant diabetes mellitus is hypothesized to result from a permeability defect in the intestinal mucosa which allows the passage of toxic substances such as protein-polysaccharide complexes, glutens, limit				

dextrins, food allergens, and bacterial metabolic products. On entering the peripheral blood, these substances induce activation of leukocytes; mediators secreted by the activated leukocytes activate protein kinase C in vascular endothelial cells and consequently induce phosphorylation of endothelial insulin receptors, thereby inactivating the receptors and preventing entry of insulin into the cells. Ancillary processes such as .alpha.2-adrenergic inhibition of insulin secretion in consequence of reduced intestinal microcirculation are probably also involved. Recommended treatments to inhibit these processes, for therapy of insulin-resistant diabetes mellitus and its sequelae, include flavone glycosides and plant exts. contg. them, microorganisms such as Lactobacillus acidophilus to colonize the intestine, foods with reduced amylopectin content, various enzymes, hydroxymethylglutaryl-CoA reductase inhibitors, .alpha.2-adrenergic receptor antagonists, vitamins, electrolytes, and trace elements, combined with monitoring of hematol. parameters (no data).

REFERENCE COUNT: 12 THERE ARE 12 CITED REFERENCES  
AVAILABLE FOR THIS

RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L25 ANSWER 15 OF 30 CAPLUS COPYRIGHT 2003 ACS

ACCESSION NUMBER: 1999:505749 CAPLUS

DOCUMENT NUMBER: 131:134425

TITLE: Cleaning patch for improving the skin condition

INVENTOR(S): Gueret, Jean-Louis

PATENT ASSIGNEE(S): L'Oreal, Fr.

SOURCE: Eur. Pat. Appl., 10 pp.

CODEN: EPXXDW

DOCUMENT TYPE: Patent

LANGUAGE: French

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
EP 933077	A1	19990804	EP 1998-403340	19981230 <--
EP 933077	B1	20030212		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO				
FR 2774287	A1	19990806	FR 1998-1070	19980130 <--
FR 2774287	B1	20000512		
AT 232378	E	20030215	AT 1998-403340	19981230 <--
JP 11269032	A2	19991005	JP 1999-14767	19990122 <--
MX 9900968	A	20000831	MX 1999-968	19990126 <--
CN 1227095	A	19990901	CN 1999-101713	19990129 <--
PRIORITY APPLN. INFO.:			FR 1998-1070	A 19980130

AB A cleaning patch for improving skin conditions comprises a polymeric matrix which contains an active ingredient. A skin patch contained acrylic polymer in Et acetate 69.5%, Blue de Prusse pigment 0.5, urea 20, and salicylic acid 10%. The patch is used for the treatment of acne.  
REFERENCE COUNT: 2 THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS

RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L25 ANSWER 16 OF 30 CAPLUS COPYRIGHT 2003 ACS

ACCESSION NUMBER: 1998:790367 CAPLUS

DOCUMENT NUMBER: 130:43343

TITLE: Colostrum-containing nutritional supplement

INVENTOR(S): Anderson, Michael R.; Krauss, Stephen R.

PATENT ASSIGNEE(S): Creative Labs, Inc., USA

SOURCE: U.S., 6 pp.

CODEN: USXXAM

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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US 5846569	A	19981208	US 1997-879954	19970620 <--
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PRIORITY APPLN. INFO.: US 1997-879954 19970620

AB A consumable supplement contains a colostrum component composed of processed bovine colostrum, magnesium peroxide as a source of active oxygen, a vitamin such as vitamin C, magnesium succinate and a bioflavonoid. The colostrum component can be taken sep. or admixed with other minerals, vitamins, etc. In one form, the colostrum component is used as an outer shell for a composite pill, tablet or capsule which includes an inner core contg. one or more vitamins, minerals, enzymes or omega acids in the event that the components of the inner core are incompatible with one or more materials of the colostrum component. Thus, a formulation may contain processed bovine colostrum 100, magnesium peroxide 100, magnesium succinate 30, vitamin C 100, and flavonoids 100 mg.

REFERENCE COUNT: 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS

RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L25 ANSWER 17 OF 30 CAPLUS COPYRIGHT 2003 ACS

ACCESSION NUMBER: 1998:744961 CAPLUS

DOCUMENT NUMBER: 130:7433

TITLE: Treatment of sickle cell disease, treatment of immune system diseases and other diseases normally associated

with sickle cell anemia  
INVENTOR(S): Lockett, Curtis  
PATENT ASSIGNEE(S): USA  
SOURCE: PCT Int. Appl., 19 pp.  
CODEN: PIXXD2  
DOCUMENT TYPE: Patent  
LANGUAGE: English  
FAMILY ACC. NUM. COUNT: 1  
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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WO 9850051	A1	19981112	WO 1997-US7122	19970505 <--
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W: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, GH, HU, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, TJ, TM, TR, TT, UA, UG, US, UZ, VN, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM

RW: GH, KE, LS, MW, SD, SZ, UG, AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG

AU 9729932	A1	19981127	AU 1997-29932	19970505 <--
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PRIORITY APPLN. INFO.: WO 1997-US7122 A 19970505

AB A maintenance regimen with controlled intake of particular vitamin, mineral, and micronutrient formulations, drastically reduces the incidence and severity of sickle cell disease crises. The formulations include

vitamin A, vitamin B-1, vitamin B-2, vitamin B-6,

vitamin B-12, vitamin C, vitamin D

, vitamin E, niacinamide, para-aminobenzoic acid (PABA), pantothenic acid,

choline bitartrate, inositol, rutin, (citrus bioflavonoid complex) betaine

hydrochloride, hesperidin complex, folic acid, biotin, calcium,

iron, magnesium, zinc, potassium, manganese, iodine, chromium,

selenium, and a pharmaceutically acceptable carrier, provided at or just

below crit. satn. levels, detd. for each individual by carefully

monitoring tolerance on titrn. The daily dose may exceed that necessary

as dietary or nutritional supplements, and trigger an increase in the

prodn. of viable Hb, and alters the overall blood profile. Platelet

concn. is increased up to twice that seen in normal blood, and the red

blood cells produced display increased resistance to sickling. This

enhanced biosynthesis is achieved by providing sufficient stores of

precursors that stimulate low level manuf. without substantial feedback

control by the upper central nervous system.

REFERENCE COUNT: 5 THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS

RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L25 ANSWER 18 OF 30 CAPLUS COPYRIGHT 2003 ACS

ACCESSION NUMBER: 1998:293397 CAPLUS

DOCUMENT NUMBER: 128:326546

TITLE: Methods and compositions for dietary supplementation

INVENTOR(S): Burgstiner, Carson B.

PATENT ASSIGNEE(S): Burgstiner, Jacqueline Cook, USA

SOURCE: PCT Int. Appl., 37 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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WO 9818491	A1	19980507	WO 1997-US19564	19971028 <--
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W: CA, JP, US

RW: AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE

PRIORITY APPLN. INFO.: US 1996-29403P P 19961028

AB The present invention provides a compn. comprising thymic-derived factors and enzymic co-factors, wherein the thymic-derived factors can be thymus ext., thymus enzymic polypeptide factors, thymosin, thymopoietin and thymic humoral factor and the enzymic co-factors can be vitamins A, C, D, E, B-1, B-2, B-6, B-12, minerals. The compn. can also comprise amino acids which can be arginine, cysteine, histidine, ornithine, isoleucine, leucine, threonine, tyrosine, valine, phenylalanine and methionine. The compn. of this invention can further comprise glandular factors which can be raw spleen, raw lymph, raw bone marrow and raw pituitary. Also provided are methods of increasing serum levels of thymosin alpha 1 in a subject; of enhancing the immune system of a subject by increasing serum levels of thymosin alpha 1 in the subject; of treating an autoimmune disease such as systemic lupus erythematosus, multiple sclerosis and rheumatoid arthritis in a subject; of treating a viral infection caused by a virus such as Hepatitis A virus, hepatitis B virus, herpes virus, hepatitis C virus and human immunodeficiency virus in a subject; and of enhancing athletic performance in a subject by increasing hematocrit and reducing recovery time in the subject, wherein all of these methods comprise administering to the subject the compns. of the present invention.

REFERENCE COUNT: 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS

RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L25 ANSWER 19 OF 30 CAPLUS COPYRIGHT 2003 ACS

ACCESSION NUMBER: 1997:731707 CAPLUS

DOCUMENT NUMBER: 128:16289

TITLE: Compositions for external use  
INVENTOR(S): Kondo, Chiharu; Senoo, Masami  
PATENT ASSIGNEE(S): Kosei Co., Ltd., Japan  
SOURCE: Jpn. Kokai Tokkyo Koho, 23 pp.

CODEN: JKXXAF

DOCUMENT TYPE: Patent  
LANGUAGE: Japanese  
FAMILY ACC. NUM. COUNT: 1  
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 09291011	A2	19971111	JP 1996-127955	19960424 <--
PRIORITY APPLN. INFO.:			JP 1996-127955	19960424
AB Compns. [cosmetics or topical preps.] for external use comprise: (A) apple exts. and (B) tyrosinase inhibitors, active oxygen scavengers, antioxidants, cell activators, antiinflammatories and/or moisturizers. A skin-care and antiaging lotion contained glycerin 5.0, 1,3-butylene glycol 6.5, POE sorbitan monolaurate 1.2, ethanol 8.0, apple exts. 0.01, superoxide dismutase 0.01, preservatives, perfumes, and purified water to 100 %.				

L25 ANSWER 20 OF 30 CAPLUS COPYRIGHT 2003 ACS

ACCESSION NUMBER: 1997:575486 CAPLUS  
DOCUMENT NUMBER: 127:166783  
TITLE: Compositions for external use  
INVENTOR(S): Kondo, Chiharu; Takayama, Akemi; Senoo, Masaki;  
Takemoto, Hiroko  
PATENT ASSIGNEE(S): Kosei Co., Ltd., Japan  
SOURCE: Jpn. Kokai Tokkyo Koho, 20 pp.  
CODEN: JKXXAF

DOCUMENT TYPE: Patent  
LANGUAGE: Japanese  
FAMILY ACC. NUM. COUNT: 1  
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 09183718	A2	19970715	JP 1995-353525	19951229 <--
PRIORITY APPLN. INFO.:			JP 1995-353525	19951229
AB Compns. for external use comprise: (A) phytic acid and/or its salts and (B) active oxygen scavengers, antioxidants, antiinflammatories, cell activators and/or moisturizers. Ointments and other dosage forms are formulated. Cosmetic formulations also are described.				

L25 ANSWER 21 OF 30 CAPLUS COPYRIGHT 2003 ACS



ACCESSION NUMBER: 1997:491402 CAPLUS  
DOCUMENT NUMBER: 127:99538  
TITLE: Topical compositions  
INVENTOR(S): Hoshino, Taku; Kondo, Chiharu; Senoo, Masami;  
Yamashita, Eiji  
PATENT ASSIGNEE(S): Kosei K. K., Japan; Itano Reito K. K.  
SOURCE: Jpn. Kokai Tokkyo Koho, 25 pp.  
CODEN: JKXXAF  
DOCUMENT TYPE: Patent  
LANGUAGE: Japanese  
FAMILY ACC. NUM. COUNT: 1  
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 09143063	A2	19970603	JP 1995-326241	19951122 <--
PRIORITY APPLN. INFO.:			JP 1995-326241	19951122
AB Topical compns. for cosmetic or therapeutic use comprise (A) astaxanthin and (B) active ingredients such as moisturizers, antioxidants and active oxygen removers. As an example, a cosmetic emulsion contained stearic acid 18.0, cetanol 4.0, triethanolamine 2.0, glycerin 5.0, astaxanthin 1.0, lactic acid 1.0, and purified water to 100%.				

L25 ANSWER 22 OF 30 CAPLUS COPYRIGHT 2003 ACS

ACCESSION NUMBER: 1997:321923 CAPLUS  
DOCUMENT NUMBER: 126:347291  
TITLE: Vitamins and minerals for the treatment of sickle cell disease  
INVENTOR(S): Lockett, Curtis G.  
PATENT ASSIGNEE(S): Lockett, Curtis G., USA  
SOURCE: U.S., 5 pp.  
CODEN: USXXAM  
DOCUMENT TYPE: Patent  
LANGUAGE: English  
FAMILY ACC. NUM. COUNT: 1  
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 5626884	A	19970506	US 1995-516737	19950818 <--
PRIORITY APPLN. INFO.:			US 1995-516737	19950818
AB A maintenance regimen with controlled intake of particular vitamin, mineral, and micronutrient formulations, drastically reduces the incidence and severity of sickle cell disease crises. The formulations include vitamin A, vitamin B1, vitamin B2, vitamin B6, vitamin B12, vitamin C, vitamin D, vitamin				

No. Zn-methionine

E, niacinamide, p-aminobenzoic acid, pantothenic acid, choline bitartrate, inositol, rutin, citrus bioflavonoid complex, betaine.cntdot.HCl, hesperidin complex, folic acid, biotin, calcium, iron, magnesium, zinc, potassium, manganese, iodine, chromium, selenium, and a pharmaceutically acceptable carrier, provided at or just below crit. satn. levels, detd. for each individual by carefully monitoring tolerance on titrn. The daily dose may exceed that necessary as dietary or nutritional supplements, and trigger an increase in the prodn. of viable Hb, and alters the overall blood profile. Platelet concn. is increased up to twice that of seen in normal blood, and the red blood cells produced display increased resistance to sickling. This enhanced biosynthesis is achieved by providing sufficient stores of precursors that stimulate low level manuf. without substantial feedback control by the upper central nervous system.

L25 ANSWER 23 OF 30 CAPLUS COPYRIGHT 2003 ACS

ACCESSION NUMBER: 1996:89229 CAPLUS

DOCUMENT NUMBER: 124:126879

TITLE: Topical preparations containing Flor de Manita extract and active oxygen scavengers, antioxidants, or other biologically active substances

INVENTOR(S): Suzuki, Masayuki; Yanagisawa, Makiko; Hayashi, Akinobu; Asai, Mariko

PATENT ASSIGNEE(S): Dowa Mining Co, Japan; Kosei KkSOURCE: Jpn. Kokai Tokkyo Koho, 23 pp.

CODEN: JKXXAF

DOCUMENT TYPE: Patent

LANGUAGE: Japanese

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 07277939	A2	19951024	JP 1994-89204	19940405 <--
PRIORITY APPLN. INFO.:			JP 1994-89204	19940405
AB Topical prepn. contain Flor de Manita (Mexican plant) exts. and active oxygen scavengers, antioxidants, inflammation inhibitors, tyrosinase inhibitors and/or humectants. The prepn. showed marked cosmetic and antiaging activities. A cosmetic emulsion contained squalane 5.0, white petrolatum 2.0, beeswax 0.5, sorbitan sesquioleate 0.8, polyoxyethylene oleyl ether 1.2, 1,3-butylene glycol 5.0, Flor de Manita ext. 0.1, dl- $\alpha$ -tocopherol 0.01, Et alc. 5.0, preservatives 0.2, perfumes 0.1, 2% xanthan gum 20.0, and purified water to 100 parts.				

L25 ANSWER 24 OF 30 CAPLUS COPYRIGHT 2003 ACS

ACCESSION NUMBER: 1994:708376 CAPLUS

DOCUMENT NUMBER: 121:308376  
TITLE: Treatment of arthritic conditions  
INVENTOR(S): Koppel, Richard M.; Verebey, Karl  
PATENT ASSIGNEE(S): USA  
SOURCE: U.S., 5 pp.  
CODEN: USXXAM  
DOCUMENT TYPE: Patent  
LANGUAGE: English  
FAMILY ACC. NUM. COUNT: 1  
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 5358720	A	19941025	US 1993-139742	19931022 <--
PRIORITY APPLN. INFO.:			US 1993-139742	19931022

AB A regimented therapeutic method for the alleviation of arthritic conditions by orally administering a selective combination of vitamins and minerals in scheduled dosage amounts. The daily scheduled regimen involves the administration of about 25-100 mg of nicotinic acid three times per day, about 200-1000 mg of calcium ascorbate three times a day, and a single dosage form of a copper-free multivitamin with multiminerals to be taken once a day.

L25 ANSWER 25 OF 30 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.

ACCESSION NUMBER: 2003:50421 BIOSIS  
DOCUMENT NUMBER: PREV200300050421  
TITLE: An overview of holistic medicine and complementary and alternative medicine for the prevention and treatment of BPH, prostatitis, and prostate cancer.  
AUTHOR(S): McClure, Mark W. (1)  
CORPORATE SOURCE: (1) Landmark Urology and Complementary Medicine, P.A., 4505 Fair Meadow Lane, Suite 111, Raleigh, NC, 27607-6449, USA: mcclure@urolmd.com USA  
SOURCE: World Journal of Urology, (November 2002, 2002) Vol. 20, No. 5, pp. 273-284. print.  
ISSN: 0724-4983.

DOCUMENT TYPE: Article  
LANGUAGE: English  
AB An accumulating body of scientific evidence supports the notion that a holistic outlook on health and life and complementary and alternative medicine health practices can promote wellness and prevent and treat prostate disease. This overview explores some of the fundamental philosophical, diagnostic, and therapeutic differences between conventional and holistic medicine, and discusses how to integrate

evidence-based complementary and alternative medicine, holistic medicine, and conventional medicine for the prevention and treatment of prostate disease.

L25 ANSWER 26 OF 30 EMBASE COPYRIGHT 2003 ELSEVIER SCI. B.V.

ACCESSION NUMBER: 2001148786 EMBASE

TITLE: Natural agents in the prevention of cancer, part two:  
Preclinical data and chemoprevention for common cancers.

AUTHOR: Lamson D.W.; Brignall M.S.

CORPORATE SOURCE: M.S. Brignall, Seattle Can. Treatment/Wellness Ctr.,  
Evergreen Integrative Medicine, Kirkland, WA, United  
States. mattandmolly@home.com

SOURCE: Alternative Medicine Review, (2001) 6/2 (167-187).  
Refs: 191

ISSN: 1089-5159 CODEN: ALMRFP

COUNTRY: United States

DOCUMENT TYPE: Journal; General Review

FILE SEGMENT: 016 Cancer

017 Public Health, Social Medicine and Epidemiology

030 Pharmacology

037 Drug Literature Index

LANGUAGE: English

SUMMARY LANGUAGE: English

AB This paper is the second of a series examining the use of nutritional supplements as chemopreventive agents. The animal and in vitro data are reviewed in support of their use. Human safety data and mechanisms of action are described as well. Many over-the-counter dietary supplements have been shown to have significant chemopreventive activity in preclinical studies. Few side effects are associated with even long-term use of these agents. Along with dietary and lifestyle risk-reducing strategies, nutritional supplementation appears to be a viable intervention for those considered to be at high risk of developing cancer.

L25 ANSWER 27 OF 30 EMBASE COPYRIGHT 2003 ELSEVIER SCI. B.V.

ACCESSION NUMBER: 97202705 EMBASE

DOCUMENT NUMBER: 1997202705

TITLE: [Breast cancer, promotion and inhibition by environmental  
factors and the way of life].

BRUSTKREBS, FORDERUNG UND HEMMUNG DURCH  
LEBENSGEWOHNHEITEN  
UND UMWELTFAKTOREN.

AUTHOR: Dallacker F.

CORPORATE SOURCE: F. Dallacker, Institut für Organische Chemie, RWTH,  
Prof.-Pirletstr. 1, D-52056 Aachen, Germany

SOURCE: Wissenschaft und Umwelt, (1995) -/2 (99-117).  
Refs: 67

ISSN: 0170-6977 CODEN: WUISD5

COUNTRY: Germany

DOCUMENT TYPE: Journal; General Review

FILE SEGMENT: 016 Cancer

017 Public Health, Social Medicine and Epidemiology

046 Environmental Health and Pollution Control

037 Drug Literature Index

LANGUAGE: German

SUMMARY LANGUAGE: English; German

AB Regarding the results of research during the past ten years a significant change in the situation of treatment or even curing of breast cancer is not to be expected in the coming five years. In the current situation the right choice of nutrition as well as a certain way of life should make an important contribution to the prophylaxis of this disease. The aim of the present paper is to depict some of these criteria according to the current knowledge.

L25 ANSWER 28 OF 30 IFIPAT COPYRIGHT 2003 IFI

AN 10081792 IFIPAT;IFIUDB;IFICDB

TITLE: COMPOSITION AND METHOD FOR CORRECTING A  
DIETARY

PHYTOCHEMICAL DEFICIENCY; DIETARY SUPPLEMENTS

INVENTOR(S): Davies; Audra, Long Beach, CA, US

Dykhouse; Robin, Newport Beach, CA, US

Groh; David, Temecula, CA, US

Rehnborg; Carl S., Laguna Beach, CA, US

Siddiqui; Idrees, Richmond, VA, US

Stonebrook; Kerry, Pomona, CA, US

PATENT ASSIGNEE(S): Unassigned

AGENT: Finnegan, Henderson, Farabow Garrett & Dunner,  
L.L.P., 1300 I Street, N.W., Washington, DC,  
20005-3315, US

NUMBER PK DATE

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PATENT INFORMATION: US 2002025350 A1 20020228

APPLICATION INFORMATION: US 2001-878377 20010612

NUMBER DATE

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PRIORITY APPLN. INFO.: US 2000-210746P 20000612 (Provisional)

FAMILY INFORMATION: US 2002025350 20020228

DOCUMENT TYPE: Utility

Patent Application - First Publication

FILE SEGMENT: CHEMICAL

APPLICATION

NUMBER OF CLAIMS: 18

AB The invention is directed to a composition and method for correcting a dietary phytochemical deficiency, wherein the phytochemicals include sulphoraphane, naringen, hesperidin, narirutin, quercetin, beta -carotene, lutein, lycopene, and isoflavones. The composition may also comprise additional vitamins and minerals.

CLMN 18

L25 ANSWER 29 OF 30 IFIPAT COPYRIGHT 2003 IFI

AN 3820112 IFIPAT;IFIUDB;IFICDB

TITLE: COMPOSITION AND METHOD FOR CORRECTING A DIETARY

PHYTOCHEMICAL DEFICIENCY

INVENTOR(S): Davies; Audra, Long Beach, CA  
Dykhous; Robin, Newport Beach, CA  
Groh; David, Temecula, CA  
Rehnborg; Carl S., Laguna Beach, CA  
Siddiqui; Idrees, Richmond, VA  
Stonebrook; Kerry, Pomona, CA

PATENT ASSIGNEE(S): Access Business Group International, LLC, Ada, MI, US

PRIMARY EXAMINER: Page, Thurman K

ASSISTANT EXAMINER: Evans, Charesse

AGENT: Finnegan, Henderson, Farabow, Garrett & Dunner LLP

NUMBER PK DATE

PATENT INFORMATION: US 6511675 20030128

APPLICATION INFORMATION: US 2001-878377 20010612

NUMBER DATE

PRIORITY APPLN. INFO.: US 2000-218746P 20000612 (Provisional)

FAMILY INFORMATION: US 6511675 20030128

DOCUMENT TYPE: Utility

FILE SEGMENT: CHEMICAL

GRANTED

NOTE: Subject to any Disclaimer, the term of this patent is extended or adjusted under 35 USC 154(b) by 29 days.

NUMBER OF CLAIMS: 18

AB The invention is directed to a composition and method for correcting a dietary phytochemical deficiency, wherein the phytochemicals include sulphoraphane, naringen, hesperidin, narirutin, quercetin, beta -carotene, lutein, lycopene, and isoflavones. The composition may also comprise additional vitamins and minerals.

NTE Subject to any Disclaimer, the term of this patent is extended or adjusted under 35 USC 154(b) by 29 days.

US  
6,511,675

CLMN 18

L25 ANSWER 30 OF 30 IFIPAT COPYRIGHT 2003 IFI

AN 3227291 IFIPAT;IFIUDB;IFICDB

TITLE: MODULAR SYSTEM OF DIETARY SUPPLEMENT  
COMPOSITIONS FOR

MODULAR OPTIMIZING HEALTH BENEFITS AND METHODS; TOTAL

SYSTEM OF MULTIVITAMIN AND MINERAL  
SUPPLEMENTATION

COMPOSED OF 7 DISTINCT MODULES FOR IMPROVING  
PUBLIC

HEALTH BY INSURING ADEQUATE INTAKE OF  
MICRONUTRIENTS

NEEDED FOR DISEASE PREVENTION AND PROTECTION  
AGAINST

INVENTOR(S): Riley; Patricia A., Sunrise, FL

PATENT ASSIGNEE(S): Medical Doctors' Research Institute, Inc., Sunrise,  
FL

PRIMARY EXAMINER: Dees, Jose' G

ASSISTANT EXAMINER: Shelborne, Kathryne E

AGENT: Holland & Knight LLP

NUMBER PK DATE

PATENT INFORMATION: US 5976568 19991102

(CITED IN 001 LATER PATENTS)

APPLICATION INFORMATION: US 1997-803587 19970221

EXPIRATION DATE: 21 Feb 2017

FAMILY INFORMATION: US 5976568 19991102

DOCUMENT TYPE: UTILITY

FILE SEGMENT: CHEMICAL

GRANTED

MICROFILM REEL NO: 010080 FRAME NO: 0887

NUMBER OF CLAIMS: 5

AB The present invention pertains generally to the field of Public Health, including the prevention and treatment of coronary heart disease which is currently the first cause of death in the American population. More specifically, the present invention concerns a total modular system of multivitamin and mineral supplementation composed of 7 distinct modules for improving public health by insuring adequate intake of micronutrients needed for disease prevention and protection against nutritional losses and deficiencies due to, for example, lifestyle factors and common inadequate dietary patterns. A module, as used herein throughout, is defined as a separate and distinct combination of vitamin -mineral and other health promoting compounds which are directed to

specific target populations. The formulations of the present invention which, when combined in one capsule or tablet or as separate modules, exert a joint and enhancing effect on the major pathogenetic factors involved in the atherosclerotic process. Moreover, certain modular formulations of the present invention incorporate both antioxidants and acetylsalicylic acid (aspirin) as a single preventive modality. Such a combination of antioxidants and aspirin is believed to act to prevent oxidation of low density lipoproteins within coronary arterial walls and to cause platelet deagglutination thereby inhibiting thrombus formation. The benefit of preventing these two major processes is believed to reduce the risk of coronary heart disease.

CLMN 5

L29 ANSWER 1 OF 11 CAPLUS COPYRIGHT 2003 ACS

ACCESSION NUMBER: 2001:775414 CAPLUS

DOCUMENT NUMBER: 136:36804

TITLE: Long-term effects of chromium, grape seed extract, and zinc on various metabolic parameters of rats

AUTHOR(S): Preuss, Harry G.; Montamarry, Samuel; Echard, Bobby; Scheckenbach, Rich; Bagchi, Debasis

CORPORATE SOURCE: Department of Physiology and Biophysics, Georgetown University Medical School, Washington, DC, 20007, USA

SOURCE: Molecular and Cellular Biochemistry (2001), 223(1&2), 95-102  
CODEN: MCBIB8; ISSN: 0300-8177

PUBLISHER: Kluwer Academic Publishers

DOCUMENT TYPE: Journal

LANGUAGE: English



AB Progressive insulin resistance may contribute to both enhanced glycosylation of proteins and nucleic acids and to augmented free radical damage assocd. with aging. Ingestion of chromium and antioxidants can improve insulin sensitivity and/or lessen the free radical formation and could ameliorate these basic disorders and lessen signs and symptoms of chronic age-related disorders. This assumption is based primarily on acute rather than chronic dietary data. We divided F344/BN rats (n=104) into control group fed basic diet and test group fed the same diet with added Cr polynicotinate (ChromeMate, 5 ppm), zinc monomethionine (OptiZinc, 18 ppm Zn), and grape seed ext. rich in flavonoids (250 ppm). The initial mean systolic blood pressure (SBP) in control and test groups was 122 mm Hg. Over the first 7 mo, the SBP in controls steadily increased to 140 mm Hg and remained at this level for the next 7-8 mo. The SBP in test rats initially decreased over the first 4 mo to as low as 110-114 mm Hg. The SBP then increased over the following months, essentially reaching the starting value of 120 mm Hg, still lower than in controls. In 12 control and 12 test rats, the formation of hepatic thiobarbituric acid-reactive substances (TBARS, index of lipid peroxidn. and free radical formation) was lower after 1 yr on the test diet; the HbA1C levels were also lower in the test group (5.4 vs. 4.8%). Blood levels of cholesterol, high-d. lipoproteins, and triglycerides were similar between the 2 groups. Body, kidney, and liver wts. were not different after 1 yr on the 2 diets, but epididymal fat pad wt. was less in the group fed the supplements. Thus, prolonged combined dietary supplementation with agents known to sensitize insulin responses and act as antioxidants (Cr polynicotinate, grape seed ext., Zn monomethionine) can markedly lower SBP in normotensive rats, decrease oxidative damage to fats as suggested by decreased TBARS formation, and decrease HbA1C levels without showing signs of toxicity.

REFERENCE COUNT: 60 THERE ARE 60 CITED REFERENCES  
AVAILABLE FOR THIS

RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L29 ANSWER 2 OF 11 CAPLUS COPYRIGHT 2003 ACS

ACCESSION NUMBER: 1999:130584 CAPLUS

DOCUMENT NUMBER: 130:200924

TITLE: Compositions and treatments to reduce side effects of  
administration of androgenic testosterone precursors

PATENT ASSIGNEE(S): Weider Nutrition International, Inc., USA

SOURCE: PCT Int. Appl., 34 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.      KIND      DATE      APPLICATION NO.      DATE

-----  
WO 9907381      A1      19990218      WO 1998-US16679      19980811 <--

W: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE,  
DK, EE, ES, FI, GB, GE, GH, GM, HR, HU, ID, IL, IS, JP, KE, KG,  
KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX,  
NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT,  
UA, UG, UZ, VN, YU, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM  
RW: GH, GM, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES,  
FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI,  
CM, GA, GN, GW, ML, MR, NE, SN, TD, TG

AU 9887798      A1      19990301      AU 1998-87798      19980811 <--

PRIORITY APPLN. INFO.:      US 1997-55346P      P      19970811

WO 1998-US16679      W      19980811

AB    A method for reducing potential adverse effects of androgenic testosterone precursors by interfering with prodn. or action of testosterone and estrogen metabolites by nutrient combinations is described. Although androgenic testosterone precursors themselves have little or no toxicity, there is the potential for their metabolites, estradiol and dihydrotestosterone, to enhance or cause hormone-responsive illnesses such as breast or prostatic cancer, benign prostatic hyperplasia, or hirsutism or acne in women. The use of the nutrient combinations reduces the formation or action of estradiol and dihydrotestosterone, thereby reducing potential adverse effects from increased prodn. of these hormones following androgenic testosterone precursor administration. This may be accomplished without negating the effects of testosterone on muscle anabolism. The nutrient combinations include androstenedione, DHEA, pregnenolone, androstenediols, norandrostenedione and norandrostenediols, and natural products which reduce estrogen effects in the estrogen-responsive tissues, and substances to reduce formation of dihydrotestosterone from testosterone in prostate tissue. Thus, a compn. contained androstenedione 100, green tea ext. 50, and zinc arginate 10 mg.

REFERENCE COUNT:      1      THERE ARE 1 CITED REFERENCES AVAILABLE FOR THIS

RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L29 ANSWER 3 OF 11 CAPLUS COPYRIGHT 2003 ACS

ACCESSION NUMBER:      1996:605535      CAPLUS

DOCUMENT NUMBER:      125:246155

TITLE:      Particulate feed supplement

INVENTOR(S):      Steckley, J. David; Jebelian, Varouj

PATENT ASSIGNEE(S):      Maple Leaf Foods Inc., Can.

SOURCE:      PCT Int. Appl., 31 pp.

CODEN: PIXXD2

DOCUMENT TYPE:      Patent

LANGUAGE:      English

FAMILY ACC. NUM. COUNT: 1  
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9625055	A1	19960822	WO 1996-CA92	19960216 <--
W: AL, AM, AT, AU, AZ, BB, BG, BR, BY, CA, CH, CN, CZ, DE, DK, EE, ES, FI, GB, GE, HU, IS, JP, KE, KG, KP, KR, KZ, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI				
RW: KE, LS, MW, SD, SZ, UG, AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR				
CA 2213219	AA	19960822	CA 1996-2213219	19960216 <--
AU 9646178	A1	19960904	AU 1996-46178	19960216 <--
PRIORITY APPLN. INFO.:			US 1995-389770	19950216
			WO 1996-CA92	19960216

AB A particulate feed supplement is disclosed which comprises: from about 25% to about 90% by wt. of a flavor agent; from 10% to about 75% by wt. of a suspending agent; and from about 0.4% to about 4% by wt. of a dispersing agent and, optionally, from 0 to about 0.5% by wt. of a wetting agent. The particulate feed supplement may be readily converted to a feed supplement on-site, thereby obviating transportation costs assocd. with conventional liq. feed supplements.

L29 ANSWER 4 OF 11 CAPLUS COPYRIGHT 2003 ACS

ACCESSION NUMBER: 1994:491819 CAPLUS

DOCUMENT NUMBER: 121:91819

TITLE: Isotonic energy composition for use as a beverage

INVENTOR(S): Hastings, Carl

PATENT ASSIGNEE(S): Reliv' International Inc., USA

SOURCE: U.S., 3 pp.

CODEN: USXXAM

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 5294606	A	19940315	US 1992-981747	19921124 <--
WO 9412189	A1	19940609	WO 1993-US10956	19931112 <--
W: AU, CA, JP				
RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
AU 9456034	A1	19940622	AU 1994-56034	19931112 <--
PRIORITY APPLN. INFO.:			US 1992-981747	19921124
			WO 1993-US10956	19931112

AB An isotonic energy compn. includes the carbohydrates, fructose and maltodextrin; the electrolytes, Zn, Cr, Ca, K, Mg, and Na; and the nutrients, vitamin C, citric acid, and beta.-carotene. Zn and Cr are delivered in the form of an org. complex. Thus, a lemon-flavored beverage mix contained fructose 433.40, maltodextrin 100.00, citric acid 31.40, lemon flavor 9.40, Ca<sub>3</sub>(PO<sub>4</sub>)<sub>2</sub> 8.28, K citrate 5.50, hydrogenated soy oil 3.50, vitamin C 1.90, salt 4.10, MgO 1.30 lb, Zn monomethionine 285.8 g, Chromemate (niacin-bound Cr polynicotinate) 7.08, and 1% beta.-carotene 285.8 g. This compn. 19.1 g was mixed with 8 oz water to provide an isotonic energy drink to replace electrolytes, nutrients, and energy lost during vigorous exercise.

L29 ANSWER 5 OF 11 CABA COPYRIGHT 2003 CABI

ACCESSION NUMBER: 94:65285 CABA

DOCUMENT NUMBER: 941405652

TITLE: Absorption of zinc sulfate, methionine, and polyascorbate in the presence and absence of a plant-based rural Mexican diet

AUTHOR: Rosado, J. L.; Munoz, E.; Lopez, P.; Allen, L. H.

CORPORATE SOURCE: Department of Nutritional Physiology, National Institute of Nutrition, Vasco de Quiroga No 15 Col. Tlalpan, Mexico D. F. 14000, Mexico.

SOURCE: Nutrition Research, (1993) Vol. 13, No. 10, pp. 1141-1151. 27 ref.  
ISSN: 0271-5317

DOCUMENT TYPE: Journal

LANGUAGE: English

AB The absorption of zinc from zinc methionine was compared with that from Zn polyascorbate or Zn sulphate by the Zn tolerance test in apparently healthy men and women, 24 to 48 years old, who were given elemental Zn 25 mg in the 3 different supplements alone in an aqueous solution or added to a standard meal which contained plant foods habitually consumed in rural Mexico. All subjects were also studied consuming water alone or the standard meal alone, as controls. Average baseline plasma Zn was from 63 plus or minus 4 to 81 plus or minus 5 micro g/100 ml. Peak values above baseline at 2 h after ingestion in water were 90.0, 76.4 and 69.4 micro g/100 ml for the 3 supplements, respectively, compared with 0.4 micro g/100 ml for water alone. The area under the curve (AUC) for 4 h was 262 plus or minus 30, 225 plus or minus 19 and 210 plus or minus 33 micro g/100 ml for the 3 supplements, respectively, and 1 plus or minus 6 micro g/100 ml for water alone. Ingestion of the standard meal alone significantly decreased plasma Zn compared with fasting values (AUC 50 plus or minus 9 micro g/100 ml) and the simultaneous addition of any supplement did not prevent the decrease.

L29 ANSWER 6 OF 11 IFIPAT COPYRIGHT 2003 IFI

AN 10238489 IFIPAT;IFIUDB;IFICDB  
TITLE: COMPOSITION AND METHOD FOR NORMALIZING  
IMPAIRED OR  
DETERIORATING NEUROLOGICAL FUNCTION  
INVENTOR(S): McCleary, Edward Larry, Golden, CO, US  
PATENT ASSIGNEE(S): Unassigned  
AGENT: PATTON BOGGS LLP ATTORNEYS AT LAW, 2550 M Street,  
NW,  
Washington, DC, 20037-1350, US

NUMBER PK DATE

----- -- -----  
PATENT INFORMATION: US 2002182196 A1 20021205  
APPLICATION INFORMATION: US 2001-837562 20010419  
FAMILY INFORMATION: US 2002182196 20021205  
DOCUMENT TYPE: Utility

Patent Application - First Publication

FILE SEGMENT: CHEMICAL  
APPLICATION

NUMBER OF CLAIMS: 52

AB A nutritional supplement composition for normalizing impaired or deteriorating neurological function in humans is composed of: at least one agent which promotes synthesis of ATP and/or creatine phosphate in the body; at least one antioxidant for scavenging free radicals in at least one pathway in the body; at least one agent for normalizing or maintaining membrane function and structure in the body; at least one agent for normalizing or maintaining normal neurotransmitter function in the body; at least one agent for down-regulating cortisol action; and at least one agent for suppressing activation of apoptotic pathways in the body. The composition may further contain one or more of: at least one agent for suppressing inflammation in the body; at least one agent for normalizing or maintaining vascular wall function and structure in the body; at least one agent for normalizing or maintaining function of nerve growth factors and/or neurotropic factors in the body; at least one agent for suppressing toxic metal ionic effects; at least one agent for normalizing or maintaining methyl metabolism in the body; at least one agent for normalizing or maintaining metabolism of insulin and glucose in the body; and at least one agent for up-regulating activity of heat shock proteins in the body. A method for normalizing impaired neurological function in humans modulating nutrient partitioning in a human involves administering the aforementioned composition to the human, preferably on a daily basis, for a therapeutically effective period of time. Preferably, the method further involves having the human follow a stress reduction program, and/or a cognitive retraining program, and/or a dietary program designed to maximize insulin and glucose metabolism.

CLMN 52

L29 ANSWER 7 OF 11 PROMT COPYRIGHT 2003 Gale Group

ACCESSION NUMBER: 2002:467781 PROMT

TITLE: Chemical tradenames. (F-P).(list of chemical companies  
throughout the world with contact data)(Industry  
Overview)(Cover Story)

SOURCE: Chemical Week, (27 Sep 2002) Vol. 164, No. 38,  
pp. 486(12).  
ISSN: ISSN: 0009-272X.

PUBLISHER: Chemical Week Associates

DOCUMENT TYPE: Newsletter

LANGUAGE: English

WORD COUNT: 18020

\*FULL TEXT IS AVAILABLE IN THE ALL FORMAT\*

AB F-1000, 2000, 2100, 2200, 2300, 3600, 4400: Aluminum hydroxide dried gel  
-- Reheis Inc

THIS IS THE FULL TEXT: COPYRIGHT 2002 Chemical Week Associates

Subscription: \$99.00 per year. Published weekly. P.O. Box 7721, Riverton,  
NJ 08077-9021.

L29 ANSWER 8 OF 11 PROMT COPYRIGHT 2003 Gale Group

ACCESSION NUMBER: 2002:443981 PROMT

TITLE: Products & services directory.

SOURCE: Feedstuffs, (10 Jul 2002) Vol. 74, No. 28, pp.  
114(12).

ISSN: ISSN: 0014-9624.

PUBLISHER: Miller Publishing Company, Inc.

DOCUMENT TYPE: Newsletter

LANGUAGE: English

WORD COUNT: 7726

\*FULL TEXT IS AVAILABLE IN THE ALL FORMAT\*

AB Animal health product manufacturers

THIS IS THE FULL TEXT: COPYRIGHT 2002 Miller Publishing Company, Inc.

Subscription: \$95.00 per year. Published weekly.

L29 ANSWER 9 OF 11 PROMT COPYRIGHT 2003 Gale Group

ACCESSION NUMBER: 2002:361454 PROMT

TITLE: Dr. Dahl's Natural Cold Chaser Supplements MANUFACTURER:  
Nutripath, Inc. CATEGORY: 352 - Cough & Congestion  
Relief.(Brief Article)

SOURCE: Product Alert, (13 May 2002) Vol. 31, No. 9.

Applicant

ISSN: ISSN: 0740-3801.

PUBLISHER: Marketing Intelligence Service Ltd.

DOCUMENT TYPE: Newsletter

LANGUAGE: English

WORD COUNT: 73

**\*FULL TEXT IS AVAILABLE IN THE ALL FORMAT\***

**AB** New Dr. Dahl's Natural Cold Chaser Supplement is available in single-serve packets containing six "formulated tablets and capsules" and in 30-count boxes of individual packets. Produced by Nutripath, Inc., the formulation is said to have been designed to optimize the benefits of its ingredients as effectively as possible. The ingredients include zinc monomethionine, vitamin A, vitamin D, vitamin C and bioflavonoids. For sample retrieval information, please call: Marketing Intelligence Service, Ltd., (585) 374-6326.  
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**ACCESSION NUMBER:** 94:68417 **PROMT**

**TITLE:** Vitamins & Tonics

**SOURCE:** Product Alert, (1 Nov 1993) pp. N/A.

ISSN: 0740-3801.

**LANGUAGE:** English

**WORD COUNT:** 1361

**\*FULL TEXT IS AVAILABLE IN THE ALL FORMAT\***

**AB** Produced in West Germany and distributed in the U.S. by Bio-Nutritional Products of Yonkers, NY, is a Supplement called Red Beet Crystals. Marketed under the Schoenenberger brand name, the product is packaged in a 7 oz. bottle. Made from organically grown beets, these "naturally sweet tasting, instantly soluble beet crystals are an unadulterated concentrate, carefully obtained from the juice of freshly harvested beet tubers. They contain all the natural and valuable elements of fresh, organically grown beets." According to company literature, some of the benefits of consuming Red Beet Crystals are to help support liver function and liver detoxification, fight anemia and fatigue, strengthen the body's defenses and intestinal tract, and to help control heart, circulatory and blood pressure. Red Beet Crystals "eliminate the need for taking large amounts of beet juice. Three level tablespoonsful of the Red Beet Crystals (approximately one ounce) are equal to about one quart of beet juice." In our 1/11/93 issue, we reported Schoenenberger 16-Day Rejuvenation Program. Pycnogenol-C, the "most powerful anti-oxidant that helps alleviate varicose veins and joint stiffness," has been added to the Barth's line of Supplements. The Capsules are said to combine pycnogenol, vitamin C and

minerals such as zinc (the anti-inflammatory), calcium and magnesium, "that build strong bones and help protect against cardiovascular disease." Manufactured by Barths Nutra Products of Westbury, NY, Pycnogenol-C is sold in a 30-count container with a suggested retail price of \$14.50. THIS IS AN EXCERPT: Copyright 1993 Marketing Intelligence Service Ltd.

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ACCESSION NUMBER: 94:68366 PROMT

TITLE: Special Diet Foods

SOURCE: Product Alert, (1 Nov 1993) pp. N/A.

ISSN: 0740-3801.

LANGUAGE: English

WORD COUNT: 227

\*FULL TEXT IS AVAILABLE IN THE ALL FORMAT\*

AB Oxy-Nectar, the "first scientifically engineered antioxidant beverage ever developed," has been introduced by Nature's Plus, a division of Natural Organics, Inc., located in Melville, NY, and in Long Beach, CA. The Maximum Strength Ten Stage Antioxidant Beverage has a Mixed Berry flavor and is to be mixed with milk, juice or water to provide a ten-stage precisely calibrated profile of antioxidant nutrients and whole foods per serving. According to company literature, Oxy-Nectar "combines the well-known standard antioxidant nutrients, including beta carotene, vitamin C, vitamin E and bioflavonoids, with newly discovered nutrients and healthful foods. Pycnogenol, ginkgo biloba standardized to 24% ginkgoflavonglycosides, the OptiZinc brand of zinc monomethionine, N-acetyl-cysteine, European red wine grape, concentrated broccoli, tomato, odorless garlic, spirulina and chlorophyll head the list of over thirty-five antioxidant ingredients contained in each powder-packed serving. The magnitude of Oxy-Nectar has never before been available in a single supplement." Marketed under the Nature's Plus brand name, this beverage is packaged in a 1.3 lb. can.

Carnation Instant Breakfast Powdered Drink Mix has been reformulated and is sold in a new canister. Nestle Food Company is said to have increased the product's calcium and iron content to 50% of the recommended daily allowances.

The product comes in Milk Chocolate, Chocolate Malt, Cafe Mocha, Strawberry Creme and French Vanilla flavors and is also now made without preservatives, artificial colors or flavors.

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